



U.S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION

1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC		2. DATE 01/08/2004	3. IDENTIFICATION NUMBER DE-AC05-98OR22700
4. WBS ELEMENT CODE 1.12.05.60.13.03		5. WBS ELEMENT TITLE UMG-FEMP	
6. INDEX LINE NO.	7. REVISION NO. AND AUTHORIZATION N/A		8. DATE N/A
9. APPROVED CHANGES N/A			
10. SYSTEM DESIGN DESCRIPTION			11. BUDGET AND REPORTING NUMBER
12. ELEMENT TASK DESCRIPTION WBS GRAPHIC See attached. INTRODUCTION This task is to provide project & field support for the Uranium Management Group (UMG) for the receipt and storage of materials in designated storage locations from the Fernald Environmental Management Program (FEMP). This task involves maintaining operations of designated interim storage locations for DOE-owned uranium retrieved from Fernald for the fiscal years following the receipt of these materials and to include outyear scope to the Life Cycle Baseline. LOGIC RELATIONSHIPS Surveillance & maintenance and sales/disposition of uranium materials received under this scope will be covered under UMG Ops & Sales/Disposition (WBS 05.60.13.06) after FY 2003. SCOPE DESCRIPTION Release Sites and Facilities Assessments to be completed: None Actions to be completed: None Performance Metrics/Indicators Successfully completed annual management, surveillance, inspections, testing, and maintenance of UMG facilities Past and Future Accomplishments Past Accomplishments Received FEMP uranium materials totaling approximately 760 shipments (approximately 3,500 metric tons) at PORTS. Performed on-going surveillance and maintenance of the Fernald material. Disposition of X-744G construction debris. Future Accomplishments Perform on-going surveillance and maintenance of the UMG Fernald materials in storage in X-744G in FY03 only Receive approximately 7 metric tons of Fernald-owned LEU durbies at PORTS			



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12. ELEMENT TASK DESCRIPTION (Continued) Scope: the detailed Life Cycle Scope of the Subproject FY2003 Provide project level planning, oversight, technical support, and financial control and reporting for all activities within this project. This includes, but is not limited to: Project Management, Subcontract Management, Environmental, Procurement support, Safety and Health oversight, Quality oversight, support for the Life Cycle Baseline, and the following routine reports. Monthly Technical Progress Report Monthly Status Review Report Midyear Project Status Review Quarterly Project Status Review Year-end Project Status Review Quarterly Progress Report Project Baseline Summary Report Site Baseline Summary Report Perform on-going surveillance and maintenance of the Fernald material, which includes: Inspecting facility and containers weekly to verify material containers are properly stored. Nuclear criticality safety walkthroughs monthly to verify that NCS postings are maintained. Radiological surveying and postings monthly to verify rad postings are maintained. Replacing lights (re-lamping) as necessary (assume monthly). Other building maintenance and upkeep (as required), such as spot floor painting. Receive approximately 7 metric tons of Fernald-owned LEU derbies at PORTS, which includes: Radiological inspection of material containers and transport vehicles upon arrival at X-744G. Off-loading of containers, and placing them into designated storage locations inside X-744G. Additional receiving-related support, including SORC (Site Operations Review Committee) review, RWP preparation, USQD screening, etc. Other required support includes nuclear criticality safety analyses, readiness reviews, Nuclear Material Control & Accountability reporting, etc Transport and receive equipment at PORTS from Fernald (T-Hopper up-ender, transfer station, and related equipment), which includes: Provide transportation for shipment of equipment from Fernald to PORTS Radiological inspection of equipment and transport vehicles upon arrival at X-744G. Off-loading of equipment, and placing into designated storage locations inside X-744G. Additional receiving-related support, including SORC (Site Operations Review Committee) review, lift plan preparation, RWP preparation, USQD screening, etc. Other required support includes nuclear criticality safety analyses, readiness reviews, Nuclear Material Control &			



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12. ELEMENT TASK DESCRIPTION (Continued) Disposition of X-744G Trap Material Disposition of waste generated from X-744G Section 4 Renovation effort Construction of an approximately 8,000 square feet concrete pad beneath the Sea Land shipping (ISO) containers in the outside storage area adjacent to X-744G to improve storage arrangement and maintainability for these containers Procurement of a new forklift (nominal 5-ton capacity) for X-744G material handling operations with the capability of outside use and as a replacement. SAFETY AND HEALTH WORK PERFORMANCE It is the core value of Bechtel Jacobs Company that the safety and health of every worker and the public at large, and our environment, are the most important assets we are entrusted to protect. To accomplish this, an Integrated Safety Management System (ISMS), based on DOE's ISMS has been implemented that incorporates the five core functions and is based on the seven guiding principles. The objective of ISMS is to systematically integrate safety and environmental protection into the planning and execution of all work activities. The term safety encompasses Nuclear Safety, Industrial Safety, Industrial Hygiene, Occupational Health, Health Physics, and environmental issues. ISMS requirements flow-down to Bechtel Jacobs Company subcontractors. The Five Core Functions are: (1) Define the scope of work, (2) Analyze hazards, (3) Develop and implement hazard controls, (4) Perform work within controls, and (5) Provide feedback and continuous improvement. The Seven Guiding Principles are (1) Line Management Responsibility for Safety, (2) Clear Roles and Responsibilities, (3) Competence commensurate with responsibility, (4) Balanced Priorities, (5) Identification of Safety Standards and Requirements, (6) Hazard Control Tailored to Work Being Performed, and (7) Operations Authorization.			

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12. ELEMENT TASK DESCRIPTION (Continued) <p> REQUIREMENTS/DRIVERS <p> Bechtel Jacobs Company LLC Contract DE-AC05-98OR22700, December 18, 1997 Integrated Safety Management System Description, BJC/OR-87, Revision 2, September 1999 Integrated Safety Management System Description, BJC-GM-1400, Revision 2, October 2001 and Integrated Safety Management System Supplement, BJC-GM-1401, Revision 0, December 2000 Bechtel Jacobs Company Work Smart Standards PAAA, DOE Orders 5480.21 and 5480.23 <p> As applicable, indicate other regulatory-related requirements. CERCLA: Y/N RCRA: Y/N DNFSB: Y/N DOE Orders: Y/N AEA: Y/N UMTRCA: Y/N State: Y/N Other: Y/N <p> WASTE VOLUMES <p> Please see attached waste performance metrics, as applicable. <p> PROJECT SCHEDULE <p> Please see attached project summary schedule, and Milestone Status Summary Report. <p> EXECUTION YEAR BASELINE <p> Please see attached Budgeted Cost of Work Scheduled Plan. <p> BASELINE BY YEAR <p> Please see attached Baseline by Year Report. The Baseline by Year Report should by Fiscal Year (for the project duration), sorted by Level-7 of the WBS. </p> </p></p></p></p></p></p></p></p></p></p>				